SOLOVUSHKOV, A.A.; SOSHNIKOVA, L.A., kandidat tekhnicheskikh nauk; YEZERNITSKAYA, M.Ye.

Production and use of selenium and tellurium. Khim.nauka i prom. 1 no.5:543-547 '56. (MLRA 9:12)
(Selenium) (Tellurium)

SOV/137-58-7-14586

Translation from Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 92 (USSR)

AUTHORS: Solovushkov, A.A., Yezernitskaya, M.Ye.

TITLE: Hydrometallurgical Extration of Tellurium from Copper-electrolysis Slimes (Izvlecheniye tellura gidrometallurgicheskim putem iz shlamov ot elektroliza medi)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 21, pp 27-29

ABSTRACT: A hydrometallurgical method of recovering Te from cake obtained by leaching a sinter of anode slime with soda has been developed and checked out on pilot-plant scale at the Pyshma Electrolytic Copper Plant. In accordance with this procedure, moist cake of varying Te contents (0.85-1.26%) is leached with 10% H_2SO_4. Reduction of Te^{6+} to Te^{4+} is done by $FeSO_4$ in a 5% HCl solution at 95°C in 2 hours (6 times as much $FeSO_4$ being used as the combined Te+Se contents of the solution). The Cu and Fe are removed from the solution in the form of hydrates by neutralizing the solution first with Na_2CO_3 (to residual acidity of 30-35 g/liter), and then by NaOH (to excess alkalinity of 10-12 g/liter). The Te is precipitated from the solution in the form of TeO_2 by neutralization of the solution by

Card 1/2

SOV/137-58-7-14586

Hydrometallurgical Extraction of Tellurium (cont.)

HCl. The TeO_2 obtained is used to make caustic electrolyte. Recovery of the Te in the electrolyte came to ~60%. When the process is perfected and improved equipment is employed, recovery of Te by this method may be increased considerably.

N.P.

1. Tellurium--Precipitation 2. Copper solutions--Processing 3. Copper solutions--Chemical reactions

Card 2/2

SMIRNOV, M.P.; KUDRYASHOVA, L.N.; SOLOVUSHKOV, A.A.; YEZERNITSKAYA, M. Ye.

Alkali method of lead smelting. Sbor. nauch. trud. GINTSVETMET no.15:257-297 '59. (MIRA 14:4)
(Lead—Metallurgy) (Sodium hydroxide)
(Leaching)

POLOVUSHKOV, Ye.A.

Technical consultation. TSement 27 no.4:30 Jl-Ag '61. (MIRA 14:8)

1. Giprotsement

(Cement plants--Equipment and supplies)

SOLOVUSHKOV, Ye.A.

The cement industry of Canada. TSement 28 no.5:20-21 S-O '62. (MIRA 15:11)

1. Gosudarstvennyy institut po proyektirovaniyu predpriyatiy i nauchno-issledovatel'skim rabotam tsementnoy promyshlennosti.
(Canada--Cement industries)

GOLDEV, I. M.; SOLOVYEVA, G. E.

Technology of gas lime concrete with shale ash. Trudy VNIIT no. 11:189-198 '62. (MIRA 17:5)

VOLKHONSKAYA, R.A.; YENENKO, O.K.; IVANOVA, S.N.; MOTIN, Yu.D.; OZEROV, I.M.; PARANIN, D.A.; POLOZOV, V.F.; SOLOVUSHKOVA, G.E.; SUVOROVA, G.F., red.; VENTSEL', I., red.izd-va; BELOGUROVA, I.A., tekhn. red.

[Building materials made of waste products from oil shale winning and processing] Stroitel'nye materialy iz otkhodov dobychi i pererabotki goriuchikh slantsev. Leningrad, 1963. 35 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'nye materialy i konstruktsii, no.4) (MIRA 16:11)
(Oil shales) (Building materials)

BLYUM, I.A.; SOLOV'YAN, I.T.; SHEBALKOVA, G.N.

Arylmethane dyes in inorganic analysis (determination of Sb, Ti, and In). Zav.lab. 27 no.8:950-956 '61. (MIRA 14:7)

1. Kazakhskiy institut mineral'nogo syr'ya i TSentral'naya laboratoriya Yuzhno-Kazakhstanskogo geologicheskogo upravleniya. (Antimony--Analysis) (Titanium--Analysis) (Indium--Analysis)

SHCHERBOV, D. P.; IVANKOVA, A. I.; SOLOV'YAN, I. T.; KAGARLITSKAYA, N. V.

Determination of gallium in ores by rhodamine. Metod. anal. khim.reak. i prepar.no. 4:75-79 '62. (MIRA 17:5)

1. Kazakhskiy institut mineral'nogo syr'ya (KazIMS).

EL'BERT, B.Ya, professor, zasluzhennyy deyatel' nauki; RUBINSHTEYN, I.S., dotsent; SAKOVICH, A.O., dotsent; VILENCHIK G.Yu., kandidat meditsinskikh nauk; GUREVICH, G.TS, kandidat meditsinskikh nauk; IZRAITEL', N.A., kandidat meditsinskikh nauk; KNIGA, A.N., kandidat meditsinskikh nauk; LEVINA, P.I., kandidat meditsinskikh nauk; MARCHENKO,L.O., kandidat meditsinskikh nauk; RABINOVICH, Ye.M., kandidat meditsinskikh nauk; RUBINSHTEYN, B.B, kandidat meditsinskikh nauk; SAMOKHINA, Z.F., kandidat meditsinskikh nauk; KRASIL'NIKOV: A.P., kandidat meditsinskikh nauk; ZMUSHKO, L.S., nauchnyy sotrudnik; NISENBAUM, I.M., nauchnyy sotrudnik; SOLOV'YANCHIK S.I., nauchnyy sotrudnik; SUSLOVA, M.N., nauchnyy sotrudnik; POL'SKIY, S., redaktor; KUPTINA, P., tekhnicheskiy redaktor; KALECHITS, G., tekhnicheskiy redaktor.

[Practical manual on medical microbiology and bacteriological methods of sanitation research] Prakticheskoe posobie po meditsinskoi mikrobiologii i sanitarno-bakteriologicheskim metodam issledovanii. Minsk, Gos.izd-vo BSSR, Redaktsiia nauchno-tekhn. lit-ry, 1957. 356 p. (MLRA 10:6)
(MICROBIOLOGY)

Abs Jour : Ref Zhur - Biol., No 14, 1958, No 63[illegible]

Author : Kolev'yanchik S.I.
Inst : -
Title : Problems in Microbiology, Epidemiology, and Prophylaxis in Pertussis.

Ori, Pub : Zdravookhr. Belorussii, 1957, No 12, 43-45

Abstract : No abstract

Card : 1/1

SUDZHAYEV, G.A.; SOLOV'YANCHIK, S.I.

Problem of epidemiological aspects of diphtheria carriers. Zdrav. Belor. 5 no.1:52-53 Ja '59. (MIRA 12:7)
(MINSK--DIPHTHERIA)

MAR, G.I.; SOLOV'YANCHIK, S.I.

Determination of coagulase in Hemophilus pertussis. Zhur. mikrobiol.epid. i immun. 30 no.5:55-58 My '59. (MIRA 12:9)

1. Iz Belorusskogo instituta epidemiologii, mikrobiologii i gigiyeny.

(HEMOPHILUS PERTUSSIS, metab.
coagulase, determ. (Rus))
(BLOOD COAGULATION
coagulase in Hemophilus pertussis, determ. (Rus))
(ENZYMES,
same)

M-3

USSR / Cultivated Plants. Cereal Crops.

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58583

Author : Solov'yanenko, A. A.
Inst : Not given
Title : The Effectiveness of Root and Extra Root Fertilization of Buckwheat

Orig Pub : Byul. si'l'sko gospod. inform. Zhitom. obl. vid. t-va dlya postir polit. ta rauk znan', 1957, No 4, 80-82

Abstract : No abstract given

Card 1/1

SOLOV'YANOV, B.L., otv. za vypusk; EBERLIN, K.Z., red. izd-va; BODROVA, V.A., tekhn.red.

[Fluxless soldering and tinning of parts made from aluminum and aluminum alloys] Besfliusovaia paika i luzhenie olovom detalei iz aliuminiiai ego splavov. Moskva, Izd-vo "Rechnoi transport," 1958. folder (4 p.) (MIRA 12:1)

1. Russia (1917- R.S.F.S.R.) Ministerstvo rechnogo flota. Tekhnicheskoye upravleniye.
(Solder and soldering) (Aluminum)

SOLOV'YANOV, Leonid Nikolayevich; KAPLUN, Ya.G., professor tekhnicheskikh nauk, retsenzent; TROFIMOV, P.F., retsenzent; redaktor; PARTSEVSKIY, V.N., redaktor; BEKKER, O.G., tekhnicheskiy redaktor

[Servicing bits and rods for pneumatic hammer drills; textbook for schools and foremen's courses] Zapravka burov i shtang dlia pnevmaticheskikh buril'nykh molotkov; uchebnoe posobie dlia shkol i kursov mastarov. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po chernoi i tsvetnoi metallurgii, 1955. 128 p. (MLRA 8:10)
(Boring machinery)

SOLOV'YANOV, L.N.

The PRS-1 high-frequency perforator. Gor. zhur. no.7:50-52 Jl '56. (MLRA 9:9)

1. Nachal'nik otdela burovogo i prokhodcheskogo oborudovaniya instituta Giprorudmash.
(Boring machinery)

SOLOV'YANOV, L.N.

AUTHORS: Solov'yanov, L.N. and Volod'ko, N.P., Engineers 127-12-8/28

TITLE: Powerful High-Speed Telescoping Percussion Drill (Moshchnyy bystroudarnyy teleskopnyy perforator)

PERIODICAL: Gornyy Zhurnal, 1957, No 12, p 32 (USSR)

ABSTRACT: The drilling and sinking equipment section of the institute "Giprorudmash" designed and manufactured in 1956 a new telescoping drill of the "ПТС"-type. Its total weight is 32 kg; the number of piston strokes is 3,760 per min, and the percussion power is 5.3 hp. The new drill was tested in the "Novaya" mine of the Mining Administration im. K. Libknecht by a commission headed by the Chief Engineer of this Administration V.D. Titov. Testing results were satisfactory: the relative drilling speed of the new drill was by 95% higher than that of the "ПТ-33" type . During the first quarter of 1957, the Krivoy Rog Plant "Burovyye Stanki" manufactured the first consignment of these drills under the trademark "ПТС-1". The article contains 2 tables.

ASSOCIATION: Institut Giprorudmash

AVAILABLE: Library of Congress

Card 1/1

Sokolov, L.N.

SVIRENKO, P.V., inzh.; SOLOV'YANOV, L.N., inzh.; YAGUPOV, A.V., inzh.

Highly resistant bore rods for rock drilling. Gor. zhur. no.2:23-26 F '58. (MIRA 11:3)

1. Giprorudmash.

(Rock drills)

SOLOV'YANOV, L.N.

127-58-4-2/31

AUTHORS: Bezlyudko, A.I., and Solov'yanov, L.N., Engineers

TITLE: Reserves to Increase the Speed of Preparation of New Levels and to Reduce the Sinking and Drifting Costs in the Mines of the Krivoy Rog Basin (Rezervy povysheniya skorosti podgotovki novykh gorizontov i snizheniya stoimosti prokhodki v shakhtakh Krivorozhskogo basseyna)

PERIODICAL: Gornyy Zhurnal, 1958, Nr 4, pp 3-8 (USSR)

ABSTRACT: The authors are concerned with the non-execution of the plan by many mines of the Krivoy Rog Basin and describe the causes of this delay. The main cause is the untimely preparation for exploitation of new levels in working mines, which is explained by the ineffective organization of sinking and drifting works, lack of mechanization and the low quality of preparatory works. The authors propose the following measures to correct this problem: 1 - improve the quality of sinking and drifting works and not allow larger sectional areas than those fixed by the plan; 2 - introduce a modernized system of shoring; 3 - introduce the most modern mechanized machines for this purpose. The authors describe different systems and machines used in shoring.

Card 1/2

127-58-4-2/31

Reserves to Increase the Speed of Preparation of New Levels and to Reduce the Sinking and Drifting Costs in the Mines of the Krivoy Rog Basin

There is 1 photo, 1 graph, and 1 Soviet reference.

ASSOCIATION: Institut Giprorudmash (The Giprorudmash Institute)

Card 2/2 1. Mining engineering - USSR 2. Mines - Operation

SOLOV'YANOV, L.M.; VOLOD'KO, N.P.; PAKHOMOV, V.I.

High-duty telescoping drills. Biul. TSNIICHM no. 8:36-37 '58. (MIRA 11:7)

1. Giprorudmash. (Boring machinery)

SOV/127-59-12-18/26

AUTHORS: Solov'yanov, L.N. and Volod'ko, N.P.

TITLE: A New Drilling Rig (Novyy burovoy stanok)

PERIODICAL: Gornyy zhurnal, 1958, Nr 12, pp 59 - 60 (USSR)

ABSTRACT: The new drilling rigs ABV-1 and ABV-2 were developed by the Otdel burovogo i prokhodcheskogo oborudovaniya (The Section of Drilling and Sinking Equipment) of the Giprorudmash Institute. The drill was tested at the Mine imeni Komintern with the rig BD-1 constructed by the Engineer Minyaylo. The tests showed the superiority of the ABV-1 rig. The rig is relatively light, and can be disassembled for transportation. A detailed description of the rig is given. The ABV-2 rig is of similar construction as the ABV-1 but can be adapted for the drilling of holes at various angles. Its frame is slightly modified. At present, a second series of these rigs is being produced at the Krivoy Rog Plant "Burovyye Stanki". There are 3 diagrams and 2 tables.

ASSOCIATION: Giprorudmash

Card 1/1

SOLOV'YANOV, L.N., inzh.; MAKASHOV, L.N., inzh.

New machines used in drift mining. Mekh.i avtom.proizv. 14 no.1:33-36 Ja '60. (MIRA 13:5)
(Mining machinery--Technological innovations)

SOLOV'YANOV, Leonid Nikolayevich; MAKASHOV, Leonid Nikolayevich; KUCHER, Yakov Andreyevich; SIDORENKO, A.P., kand. tekhn. nauk, retsenzent; NAZAROV, P.P., kand. tekhn. nauk, retsenzent

[Boring machinery for metal mines] Burovye mashiny dlia metallicheskikh rudnikov. Moskva, Nedra, 1964. 253 p. (MIRA 17:11)

L 54620-65 EWT(m)/T/EWA(m)-2 S/0367/65/001/001/0122/0129

ACCESSION NR: AR5007713

AUTHOR: Azhgirey, L.S.; Kumekin, Yu. P.; Nurushev, S.B.; Solov'yanov, V.L.; Stoletov, G.D.

TITLE: Parameters of triple scattering of protons by carbon nuclei at 660 MeV and a comparison of the results of the analysis of NN and pC-scattering

SOURCE: Yadernaya fizika, v. 1, 1965, 122-129

TOPIC TAGS: triple proton carbon scattering, NN high energy scattering, nucleon nucleus scattering, scattering polarization rotation, NN scattering phase analysis, carbon nucleus, proton scattering

ABSTRACT: Numerous investigators have previously studied (see, e.g., A.K. Kerman, H. McManus, R.M. Thaler, Ann. of Phys., 8, 551, 1959) the quantitative connection between the nucleon-nucleus and nucleon-nucleon scattering and have found, within the framework of the superposition model, a satisfactory agreement up to 310 MeV. In a previous paper (ZhETF, 44, 177, 1963), the authors analyzed the results of measurements of the differential cross section and polarization during elastic scattering through small angles of 660 MeV protons on carbon nuclei and concluded that the spin-orbit potential of

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L 54620-65
ACCESSION NR: AR5007713

5

the nucleon-nucleon interaction is complex. Measurements have now been made of the parameters A and R describing the rotation of the polarization vector during the elastic scattering of 660 MeV protons by carbon nuclei at 5°. All the available data on pC-scattering at 660 MeV have been used to determine the parameters of the optical potential. Their values at 5° are -0.240 ± 0.091 and 0.76 ± 0.15, respectively. The results of the analysis of the data on pC-scattering at 310 MeV and 660 MeV are compared with the results of the phase shift analysis of NN-scattering at the same energies within the framework of the superposition model (Yu. M. Kazarinov, V.S. Kiselev, ZhETF, 46, 797, 1964). Calculations show that none of the phase shift sets for the NN-scattering can be brought into agreement with the scattering on nuclei. In view of the good agreement at 310 MeV, these discrepancies at 660 MeV can hardly be explained by a possible inaccuracy of the theory used during the comparison." The authors thank M. G. Meshcheryakov for his constant interest in the work, Yu. M. Kazarinov and R. M. Ryndin for useful discussions, and A. S. Kuznetsov for help during the tuning of the electronic equipment." Orig. art. has: 6 formulas, 3 figures and 3 tables.

ASSOCIATION: Ob"yedinennyy institut yadernykh issledovaniy (Joint Institute for Nuclear Studies)

Card 2/3

L 54620-65

ACCESSION NR: AP5007713

SUBMITTED: 01Jul64

ENCL: 00

SUB CODE: NP

NO REF SOV: 011

OTHER: 009

Card 3/3

L 26682-66 EWT(m)/T

ACC NR: AP6016898 SOURCE CODE: UR/0367/65/002/005/0892/0896

AUTHOR: Azhgirey, L. S.--Azgirey, L. S.; Kumekin, Yu. P.--Kumekin, Ju. P.; Meshcheryakov, M. G.--Mescheryakov, M. G.; Stoletov, G. D.; Nurushev, S. G.; Solov'yanov, V. L.--Solovyanov, V. L.

ORG: Joint Institute for Nuclear Research (Ob"yedinennyy institut yadernykh issledovaniy)

TITLE: Measurement of polarization in pp-scattering with 667 mev

SOURCE: Yadernaya fizika, v. 2, no. 5, 1965, 892-896

TOPIC TAGS: proton scattering, proton polarization

ABSTRACT: The polarization in pp-scattering in the interval $4.4^\circ \leq \theta \leq 48.2^\circ$ is found from an experiment on double scattering of protons by protons; for large angles, by means of renormalization of the measurements with 635 mev. An increase in polarization in pp-scattering appeared with an increase in energy from 602 to 656 mev. Analysis of the angular dependence of the polarization showed that with 667 mev a significant contribution to the polarization is made by the triplet states with angular momentum up to and including $\ell = 5$. The set of phase shifts is described by the values of polarization obtained with other experimental data in the vicinity of 660 mev. Orig. art. has: 2 figures and 1 table. [JPRS]

SUB CODE: 20 / SUBM DATE: 02Jul65 / ORIG REF: 004 / OTH REF: 005

SOV REF: 004

Card 1/1 BLG

L 42308-66 EWT(d)/EWT(m)/EWP(v)/EWP(t)/ETI/EWP(k)/EWP(h)/EWP(1) IJP(c) JD/HW

ACC NR: AP6009259 (A) SOURCE CODE: UR/0122/65/000/011/0030/0031

AUTHOR: Braynin, E. I. (Candidate of technical sciences); Nadezhdin, D. S. (Candidate of technical sciences); Solov'yanova, V. V. (Engineer); Kholodkova, M. I. (Engineer)

ORG: none

TITLE: Adhesive strength of a metallized zinc coating with a steel base

SOURCE: Vestnik mashinostroyeniya, no. 11, 1965, 30-31

TOPIC TAGS: metal coating, zinc plating, adhesive bonding, solid mechanical property

ABSTRACT: The article reports an experimental study of the long term adhesive strength of metallized zinc coatings on a steel base in a medium of liquid fuel of the kerosene type. A metallized zinc coating with a thickness of 0.05-0.18 mm was deposited on sample plates of Steel 3 measuring 100 x 20 x 4 mm. To obtain samples with different initial degrees of adhesion, the base plates were blasted to three different degrees of perfection before application of the coating. The surface electric resistance was determined at five points on each side of the samples. The mechanical strength of the adhesive bond was tested on band type samples by multiple bending on a Type NG-1-2 apparatus.

UDC: 621.793.7:669.58

Card 1/2

L 42308-66

ACC NR: AP6009259

The amplitude of the bending was ± 30° and the bending radius was 15 mm. The adhesive strength was determined from the number of full bends up to the moment when the coating broke away from the base. Corrosion tests were carried out in a chamber which made it possible to simulate a tropical climate; for about 8 hours each day, the temperature was held at 45 ± 5°C with a relative humidity of 65-70%, and then for about the same time at 20°C with a relative humidity of 90-100%. The corrosion media were kerosene and water. The tests were run under three regimes: 1) the samples were immersed to a certain depth, so that part of the sample protruded above the surface; 2) the samples were alternately immersed in water (2 hours) and in kerosene (22 hours); 3) the samples were immersed in a two-phase medium, so that the lower part of the sample was in water, and the upper part in kerosene. Tests were made for mechanical strength periodically, 1.5-2, 4.5-5, and 6.5-8 months after the start of the tests. Periodic checks were also made of the electric resistance. The experimental results are shown in a series of curves and tables. It was found that the relative growth of the electric resistance during the corrosion tests was considerably less than the decrease in the adhesive strength of the coatings. Temperature changes exerted very little effect on the adhesive strength. Orig. art. has: 3 figures and 1 table.

SUB CODE: 11, 20/ SUBM DATE: none/ ORIG REF: 001

Card 2/2

BRAYNIN, E.I.; SOLOV'YANOVA, V.V.

Nondestructive testing of the strength of cohesion between a metallized zinc coating and its steel base. Zav.lab. 30 no.4: 457-459 '64. (MIRA 17:4)

1. Gosudarstvennyy institut po proyektirovaniyu i issledovaniyu vzryvobezopasnogo elektrooborudovaniya.

SOLOV'YEV, A. (Yalta)

Refrigerator, depot and warehouse should be on the same site.
Sov. torg. 36 no.11:20-22 N '62. (MIRA 16:1)
(Warehouses)

SOLOV'YEV, A.

BOYAROV, A., inzhener; GULISH, S., inzhener; SOLOV'YEV, A., kandidat tekhnicheskikh nauk

Improve operational features of the ZIS-150 truck. Avt.transp. 32 no.7:34 Jl '54. (MLRA 7:9)

(Motor trucks)

SOLOV'YEV, A., kandidat tekhnicheskikh nauk

Tightening automobile frame cross memeber joints. Avt.transp. 33 no.7:34 Jl'55. (MLRA 8:12)

(Motor trucks--Frames)

SOLOV'YEV, A.; IVANOV, M.

For rapid change-over to two shift work. Avt.transp.34 no.2: 32 F '56. (Transportation, Automotive) (MLRA 9:7)

SOLOV'YEV, A., kandidat tekhnicheskikh nauk.

A pamphlet which does not reveal the innovator's experience (Behind the wheel of a truck." N. Diagilev. Reviewed by A.Solov'ev.) Avt. transp. 34 no.5:39 My '56. (MIRA 9:9)
(Automobile drivers) (Diagilev, N.)

SOLOV'YEV, A.

At the International Fire Prevention Congress in Vienna.
Pozh.delo 4 no.12:27 D '58. (MIRA 11:12)
(Vienna--Fire prevention--Congresses)

SOKOLOV, [illegible]: [illegible], [illegible], [illegible], [illegible], mashinoy rukovoditel'

Organizing and carrying out the [illegible] of motor [illegible] highway roads in winter. [illegible] re. st. i. [illegible]. [illegible] (MIRA [illegible])

[illegible] pattern transports [illegible] [illegible] universities.

SHAPATIN, A.S.; GOLUBTSOV, S.A.; SHAVYRIN, A.A.; ZHIGACH, A.F.; SIRYATSKAIA, V.N.

Addition of silicon chloride hydrides to alkenyl carboranes. Plast. massy no. 12:19-21 '65 (MIRA 19:1)

SOLOV'YEV, A. [Soloviov, A.]

Pincers for gluing rubber washers to hot mastic in the assembly BNSD-18-4 beams. Bud.mat.i konstr. 4 no.6:55 N-D '62. (MIRA 15:12)

1. Starshiy instruktor Kharkivs'kogo filialu NDIVTI AB1A URSR "Orgbud."

(Beams and girders)

SOLOV'YEV, A. A.

Determination of vat dyes on wool fiber. N. O. Klenin, P. V. Moryganov, and A. A. Solov'ev (Chem. Technol. Inst., Ivanovo). *Zhur. Prikl. Khim.* 27, 797-800(1954). —The wool sample is dissolved in concd. H_2SO_4 best for 5 min. at 110°, and the cooled mixt. is poured into 70 ml. 0.1% gelatin. After diln. to known vol. a similar soln. is prepd. from the pure dye of known concn. and the detn. is made by the usual colorimetric process. Reproducibility within 5% is reported. G. M. Kosolapoff

SOLOV'YEV, A.A.; ILLARIONOV, Ye.D.; MILOVA, N.A.; PUZDYRYKOV, O.N.

Experimental induction of precancer and cancer of the stomach. Bull.eksp.biol. i med. 55 no.1:81-85 Ja'63. MIRA (16:7)

1. Iz laboratorii patomorfologii (zav. - chlen-korrespondent AMN SSSR prof. A.A. Solov'yev) Instituta normal'noy i patologicheskoy fiziologii (dir. - deystvitel'nyy chlen AMN SSSR V.V.Parin) AMN SSSR, Moskva.
(STOMACH—CANCER)

TAUBKIN, Solomon Isaakovich; SOLOV'YEV, A.A., red.; KOROGODIN, A.S., red. izd-va; LEKLYUKHIN, A.A., tekhn.red.

[Principles of fire prevention applied to cellulose materials] Osnovy ognezashchity tselliuloznykh materialov. Moskva, Izd-vo M-va kommun.khoz.RSFSR, 1960. 346 p. (MIRA 13:11)
(Cellulose) (Fire prevention)

1. SOLOV'YEV, A.A.

2. USSR (600)

4. Wheat

7. Supplementary artificial pollination of spring wheat. Dost.sel'khoz. no.6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

1. SOLOV'YEV, A. A. : POLYAKOV, F.

2. USSR (600)

4. Barley

7. Thermochemical treatment of seeds for controlling wheat and barley smut.
Sel. i sem 19 no. 10, 1952

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

SOLOV'YEV, Aleksey Akindinovich, nauchnyy sotr.; NIKITIN, Viktor Nikolayevich, nauchnyy sotr.; ANNINA, T.A., red.

[Penless outdoor maintenance of swine] Besstanochnoe svobodno-vygul'noe soderzhanie svinei. Vologda, Vologodskoe knizhnoe izd-vo, 1962. 54 p. (MIRA 15:4)

1. Vologodskaya gosudarstvennaya sel'skokhozyaystvennaya opytnaya stantsiya (for Solov'yev, Nikitin).
(Vologda Province—Swine)

MANZHOS, F.M., prof., doktor tekhn.nauk; VOSKRESENSKIY, S.A., prof., doktor tekhn.nauk; ORLOV, M.N., dots., kand.tekhn.nauk; SOLOV'YEV, A.A., assistent

Errors in P.S. Afanas'ev's book "Design of woodworking machinery." Der. prom. 10 no. 4:25-26 Ap '61. (MIRA 14:4)

1. Kafedra stankov i instrumentov Moskovskogo lesotekhnicheskogo instituta. 2. Zaveduyushiy kafedroy stankov i instrumentov Moskovskogo lesotekhnicheskogo instituta (for Manzhos).
(Woodworking machinery) (Afanas'ev, P.S.)

SOLOV'YEV, A.A.

Applying the mechanics of loose materials to the determination of forces resisting the pile penetration by a plane surface. Nauch. trudy KHGI no.6:279-297 '58. (MIRA 14:4)
(Soil mechanics)

LYUBIMOV, N.N., prof., doktor ekon. nauk; PLETNEV, E.P., doktor ekon. nauk; SERGEYEV, S.D., dots., kand. ekon. nauk; MEN'SHIKOV, S.M., doktor ekon. nauk; BUZYKIN, Yu.I., kand.ekon.nauk; DYUMULEN, I.I., dots., kand.ekon.nauk; IKONNIKOV, I.S., kand.ekon.nauk; KUZ'MIN, I.A., dots., kand.ekon.nauk; NESTEROV, M.V.; POPOV, A.N., dots., kand.ekon.nauk; SOLOV'YEV, A.A., kand.ekon.nauk; STEPANOV, G.P., dots., kand.ekon.nauk; SHCHETININ, V.D., dots. kand. ekon. nauk; MOGILEVCHIK, A.Ye., red.; SHILENSKAYA, V.A., red.

[Modern international economic relations] Sovremennye mezhdunarodnye ekonomicheskie otnosheniia. Pod red. N.N.Liubimova. Moskva, Izd-vo "Mezhdunarodnye otnosheniia," 1964. 583 p. (MIRA 17:5)

1. Moscow. Institut mezhdunarodnykh otnosheniy. 2. Predsedatel' Prezidiuma Vsesoyuznoy torgovoy palaty (for Nesterov).

SOLOV'YEV, A.A.; FATTAKHOV, F.G.

Ways of improving the use made of nonferrous metal ores from Bashkiria. TSvet. met. 38 no.11:55-57 N '65. (MIRA 18:11)

L 14612-66 EWT(m)/T/EWP(j) WW/JW/RM

ACC NR: AP6001497 (A) SOURCE CODE: UR/0191/65/000/012/0019/0021

AUTHORS: Shapatin, A. S.; Golubtsov, S. A.; Solov'yev, A. A.; Zhigach, A. F.; Siryatskaya, V. N. 37

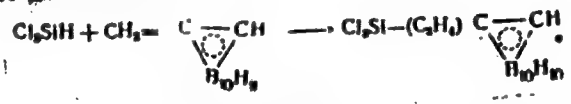
ORG: none

TITLE: Addition of hydrides of silicon chlorides to alkenyl carboranes 7,44,55 B

SOURCE: Plasticheskiye massy, no. 12, 1965, 19-21

TOPIC TAGS: silane, organic synthetic process, catalysis, silicon compound, catalyst, ferric chloride

ABSTRACT: A simplified method for synthesizing carborane siliconorganic monomers 7 is offered. It consists of adding chlorosilicon hydrides to alkenyl carboranes, according to the equation:



The following reactions were studied: methyldichlorosilane with carborane derivatives containing vinyl, isopropenyl, propenyl, or butenyl groups; trichlorosilane and dimethyl chlorosilane with vinyl and isopropenyl carborane; ethyl dichlorosilane and phenyldichlorosilane with isopropenylcarborane. Elementary analysis and

Card 1/2 UDC: 678.84

2

L 14612-66

ACC NR: AP6001497

physical properties of the resulting 10 compounds are reported. In the absence of the catalyst the reaction occurs only above 200C and results in very low yields. The yields increase to 80% and more, and the required temperatures are lowered by the addition of chloroplatinic acid or ferric chloride as catalysts. Orig. art. has: 2 tables and 1 equation.

SUB CODE: 07/11/ SUBM DATE: none/ ORIG REF: 001/ OTH REF: 004

Card 2/2

PROCESSES AND PROPERTIES INDEX

117

The effect of local injuries of arterial walls upon the deposition of lipoids. A. A. SOLOV'EV. *Arkh. Pat. Nauk* 20, 353-63(1960).—In order to cause deposition of lipoids in arterial walls severe injury (tearing) had to be done to the elastic intima of the wall. With light injury (prolonged massage) no such deposition could be obtained. It is deduced that unless the elastic membranes are actually impaired the lipoids of the blood do not penetrate into the interior of the vessel walls. W. A. PUSLAWSKI

METALLURGICAL LITERATURE CLASSIFICATION

SOLOVYEV, A

The effect of neural and humoral heart stimulation A. Solovyev. *J. Physiol. U. S. S. R.* 25, no. 1, in English, 91-100 (1938).—Disharmony between the contractions of the auricles and ventricles of the heart can be brought about by stimulation of the "accelerating" nerve (I) and relieved by stimulation of the "reinforcing" nerve (II). When II is stimulated before I no disharmony or dissociation occurs. Hearts of *Rana temporaria* with intact nerve connections were perfused with Ringer soln. and sp. kymograph recordings taken of auricular and ventricular contractions. The heart, with its vagal system previously inhibited by morphine (III), exhibits disharmony similar to the stimulation of I upon the injection of adrenaline (IV). This is readily relieved by stimulation of the vagus or injection of acetylcholine (V). If the morphinized heart is first treated with V no dissoc. is caused by IV. When IV and V are perfused through a normal heart in succession or simultaneously the cardiac activity resembles the work of a "trained" heart with low frequency and high amplitude of contractions. An increase in the I pulse occurs, indicating an increased intensity of metabolic processes. The perfusate of the hind legs of winter frogs is vagomimetic (decreasing the amplitude of cardiac contractions and decreasing aortic pressure) while that of the hind legs of spring and summer frogs is sympathicomimetic (increasing the amplitude of contraction and increasing aortic pressure).

S. A. Karjala

ASB SLA METALLURGICAL LITERATURE CLASSIFICATION

USSR/Medicine - Oncology Mar 51

"Some Methods of Experimental Investigation of Tumors on the Basis of I. P. Pavlov's Teaching," Prof S. I. Lebedinskaya, Prof A. A. Solov'yev, Moscow, Inst Gen and Exptl Path, Ak Med Sci USSR

"Klin Med" Vol XXIX, No 3, pp 11-14

Reviews previous work on subject. Mentions former own expts with transplantable rabbit tumors demonstrating effect of trauma (and resulting modification of prolonged reflexes) on localization of metastases. Describe recent own expts on subcutaneous injection of 9,10-dimethyl-1,2-benzanthracene (I)

181T52

USSR/Medicine - Oncology (Contd) Mar 51

into rats (causing sarcoma) and subsequent cutaneous application of nonspecific chem irritant (II). II applied to hip opposite to that in which I was injected strengthened effect of I. II applied to same hip as I either caused small reinforcement of effect of I or weakened that effect, depending on compn of II. I applied to back of the neck had no effect on action of II.

181T52

SOLOV'YEV A. A.

SZOLOVJOV A. A., LEBEDYINSZKAJA S. I.

A kisérleten dagenalcutatas nehany utja I. P. Pavlov tanitasanak alapjan. [Experimental oncology based on I. P. Pavlov's theory] Orv. hetil., Budap. 92:24 17 June 51 p. 757-60.

NAI
CIML Vol. 20, No. 10 Oct 1951

SOLOV'YEV, A. A.

"The Morphology of Induced Tumors under Certain Conditions During the Use of Supplementary Irritants," p. 331

Problema Reaktivnosti v Patologii, Medgiz, Moscow, 1954, 344pp.

LIVSHITS, V.S.; SOLOV'YEV. A.A.

Physiology and pathology of the cardiovascular system. Vest. AMN SSSR, no.2:71-78 '55. (MLRA 8:8)

1. Chlen-korrespondent AMN SSSR (for Solov'yev)
(CARDIOVASCULAR DISEASES, conf.)
(CARDIOVASCULAR SYSTEM, physiology, conf.)

ABRIKOSOV, A.I., akademik; VINOGRADOVA, T.P., professor; KARPOV, N.A., professor; LAZOVSKIY, Yu.M., professor [deceased]; POD"YAPOL'SKAYA, V.P.; RAPOPORT, Ya.L.; SIPOVSKIY, P.V., professor; SOLOV'YEV, A.A., professor; SCHENSNOVICH, V.B.; SMUCHILO, K.K., tekhnicheskiy redaktor

[Handbook of pathological anatomy] Mnogotomnoe rukovodstvo po patologicheskoi anatomii. Moskva, Gos. izd-vo med. lit-ry. Vol.4. [Pathological anatomy of diseases of the digestive organs] Patologicheskaia anatomiia boleznei organov pishchevareniia. Red. toma A.I.Abrikosov. Book 1. 1956. 551 p. (MIRA 10:2)
(DIGESTIVE ORGANS—DISEASES)

SOLOV'YEV, A.A., prof.

In memory of Vladimir Georgievich Garshin. Vest.AMN SSSR 11 no.5:92-93 '56. (MIRA 12:10)

1. Chlen-korrespondent AMN SSSR.
(GARSHIN, VLADIMIR GEORGIEVICH, 1887-1956)

LEBEDINSKAYA, S.I., SOLOV'YEV, A.A., (Moskva, K-1, ul. Al. Tolstogo, d.24 kv. 13)

Morphology of induced sarcomas in rats in relation to the typological characteristics and functional state of the nervous system. [with summary in English]. Vop.onk. 4 no.4:425-431 '58 (MIRA 11:9)

1. Iz laboratorii eksperimental'noy patologii (zav. - prof. S.I. Lebedinskaya) i laboratorii patomorfologii (zav. - prof. A.A. Solov'yev) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR (dir. - deystv.chl.AMN SSSR prof. V.N. Chernigovskiy).

(NEOPLASMS, exper.
morphol. of induced sarcomas in relation to typol. characteristics & funct cond. of NS in rats (Rus))

(NERVOUS SYSTEM,
relation of typol. characteristics & funct., cond. of NS to morphol. of induced sarcomas in rats (Rus))

LEBEDINSKAYA, S.I., prof.; SOLOV'YEV, A.A., prof.

The tumor processes and characteristics of its pathogenesis. Vest.AMN SSSR 14 no.7:42-50 '59. (MIRA 12:9)

1. Laboratoriya eksperimental'noy patologii i laboratoriya eksperimental'noy patomorfologii Otdela obshchey patologii Instituta normal'noy i patologicheskoy fiziologii AMN SSSR.
([redacted]S etiology)

KLIMENKO, Ye.D.; LEBEDEVA, L.N.; SKVIRSKAYA, Ye.A.; CHZHAN DZHIN - DUN; SOLOV'YEV, A.A.

Some data on changes in the nervous system in the process of experimental blastomogenesis. Trudy Inst. norm. i pat. fiziol. AMN SSSR 6:100-101 '62 (MIRA 17:1)

1. Laboratoriya eksperimental'noy patomorfologii (zav. - chlen-korrespondent AMN SSSR prof. A.A. Solov'yev) i laboratoriya nervnoy trofiki (zav. - doktor med. nauk O.Ya. Ostryy) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR.

Determination of milk-fat yields of cows. A. Shirev'ev. *Problems Animal Husbandry* (U. S. S. R.) 5, 50-6 (1953).—The technic of milk trials is discussed.

ASTIA METALLURGICAL LITERATURE CLASSIFICATION

SOKOV'YEV, A. A.

Povyshenie zhirnomolochnosti korov [Increasing the fat content of cows' milk]. Moskva, Sel'khozgiz, 1952. 227 p.

SO: Monthly List of Russian Accessions, Vol 6 No 4, July 19.3

SOLOV'YEV, A.A., doktor sel'skokhozyaystvennykh nauk, professor.

Increasing the fat content of milk. Nauka i zhizn' 20 no.5:29-30 My '53. (MLRA 6:6)
(Dairying)

SOLOV'YEV, A. A.

Solov'yev, A. A. "Improvement of the Butter Fat of Cow's (Milk)" Vologda Milk Institute

SOLOV'YEV, A.A.

SOLOV'EV, A.A.

New developments in selection and breeding for butterfat content. (MLRA 7:6)
Zhur.ob.biol. 15 no.3:161-175 My-Je '54.
(DAIRY CATTLE) (CATTLE BREEDING)

Q-2

USSR / Farm Animals, Cattle

Abs Jour: Ref Zhur-Biol., No 2, 1958, 7140.

Author : A A. Solov'yev.
Inst : Not given
Title : How to Increase the Fat Content in the Milk of Cows.

Orig Pub: Nauka i peredov. opyt v s-kh. 1957, No 4, 15-18

Abstract: The amount of fat in milk decreases with the insufficiency in the feed of proteins (the abundance of other nutritious substances proves to be ineffective) and digestible fats as well as of minerals, vitamins, etc. The necessity of intensive feeding of cows is especially indicated during the first months of lactation, and during the dry period. The importance of feeding cows a mixture of greens, which has a positive effect on the fat and protein content

Card 1/2

USSR / Farm Animals, Cattle

Abs Jour: Ref Zhur-Biol., No 2, 1958, 7140

Abstract: of the milk is emphasized. It is recommended not to have humidity of over 85 percent in cattle-sheds and to maintain the temperature at 8 to 12 degrees. In the author's opinion, the evaluation of pedigreed cows should be made on the basis of the milk yield and the content of fat in the milk for two periods of lactation,-- noting for one of these periods the highest yield of milk, and the highest content of fat in the milk, a high content of fat not always coinciding with a high yield of milk. In selecting and matching cattle, it is advisable to take into consideration the milk yield and the fat content for all lactation periods.

Card 2/2

SOLOV'YEV, A.A., professor.

Breeding cattle for higher butterfat percentage. Nauka i pered. op.v sel'khoz. 7 no.6:36-38 Je '57. (MLRA 10:7)

1. Vologodskiy molochnyy institut.
(Dairy cattle breeding)

SOLOV'YEV, A. A.: Master Agric Sci (diss) -- "The feeding, handling, and housing of cows during their dry period". Leningrad, 1958. 24 pp (Min Agric USSR, Leningrad Agric Inst), 140 copies (KL, No 5, 1959, 154)

POLYAKOV, Petr Iosifovich; SOLOV'YEV, Aleksandr Aleksandrovich, dots.; STRILEVA, [redacted], tekhn. red.

[Varieties of farm crops in Irkutsk Province] Sorta sel'skokhoziaistvennykh kul'tur Irkutskoi oblasti. Izd.2., perer. i dop. Irkutsk, Irkutskoe knizhnoe izd-vo, 1961. 145 p. (MIRA 16:8)

1. Irkutskiy sel'skokhozyaystvennyy institut (for Solov'yev).
2. Zamestitel' direktora po nauchnoy chasti Tulunskoy gosudarstvennoy selektsionnoy stantsii (for Polyakov).
(Irkutsk Province—Field crops—Varieties)

SOLOV'YEV, A. A.

"Raising the Outside Rail on Curves for Tracks fo. Electric Haulage," Ugol', No. 6, 1949.
Cand. Technical Sci., Mbr., Khal'kov Mining Inst., -c1949.

SOLOV'YEV, A.A., dotsent, kandidat tekhnicheskikh nauk.

[Collection of problems in mine transportation] Sbornik zadach po rudnichnomu transportu. Moskva, Ugleteknizdat, 1952. 278 p. (MLRA 6:8)
(Mine haulage)

SOLOV'YEV, A.A., kandidat tekhnicheskikh nauk.

Review of "Collection of problems for a course on mine transportation" by Professor N.S.Poliakov, Docent E.K.Komarova, Docent I.G.Shtokman. A.A.Solov'ev. Ugol' 28 no.6:46-47 Je '53. (MLRA 6:6)

1. Khar'kovskiy gornyy institut. (Mine haulage) (Poliakov, N.S.) (Komarova, E.K.) (Shtokman, I.G.)

DAVYDOV, B.L., professor, doktor tekhnicheskikh nauk; SOLOV'YEV, A.A., (reviewer) dotsent, kandidat tekhnicheskikh nauk.

A valuable and necessary book ("Mine haulage." A.O.Spivakovskii. Reviewed by B.L.Davydov, A.A.Solov'ev). Ugol' 29 no.3:46-47 Mr '54. (MLRA 7:3)

1. Khar'kovskiy gornyy institut. (Mine haulage) (Spivakovskii,A.O.)

SOLOV'YEV, A.A., dotsent, kand.tekhn.nauk

Some problems in the interaction of the shovel of a loader and the dump. Vop. rud. transp. no.2:337-348 1957. (MIRA 14:4)

1. Khar'kovskiy gornyy institut.
(Mining machinery)

SOLOVYEV, F.A., dotsent.

Shoveling elevators for loading machines. Ger.shur. no.6:44-47 Je '57. (MLRA 10:8)

1.Khar'kovskiy gornyy institut.
(Mining machinery)
(Shoveling machines)

SOLOV'YEV, A.A.

Results of experimental investigations on loading mechanisms operating according to principles of scooping. Trudy Gor.-geol. inst. Zap.-Sib. fil. AN SSSR no.19:203-216 '57. (MIRA 11:7)
(Loading and unloading--Equipment and supplies) (Mining machinery)

KAL'NITSKIY, Ya.B., kand. tekhn. nauk; SOBOL', G.V., gornyy inzh.; SOLOV'YEV, A.A., dots.

Mechanization of loading in mining. Gor. zhur. no.2:39-43 F '58. (MIRA 11:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut Gormash (for Kal'nitskiy, Sobol'). 2. Khar'kovskiy gornyy institut (for Solov'yev). (Mining machinery)

SOLOV'YEV, A.A.

Investigation of loading units operating on the gathering arm principle. Sbor. nauch.trud. KHGI 5:131-149 '58. (MIRA 14:4)
(Mining machinery)
(Ore handling)

SOLOV'YEV, A.A.

Effect of the angle of inclination of the front edge of a vertical plane on the resistance to its penetration into loose rock piles. Sbor.nauch.trud. KHGI 5:151-162 '58. (MIRA 14:4)
(Mining machinery)

SOLOV'YEV, A.A., dotsent

Investigating the interaction between the sinking parts of a loader and loose ground. Izv.vys.ucheb.zav.; gor.zhur. no.11: 97-111 '58. (MIRA 12:8)

1. Khar'kovskiy gornyy institut.
(Mining machinery)

SOLOV'YEV, A.A.

Investigating basic parameters of loader gathering arms. Nauch. trudy MGI no. 20:278-288 '58. (MIRA 11:8)
(Mining machinery)

SOLOV'YEV, A. A., Doc Tech Sci (diss) -- "Investigation of the interaction of the working organ of a leading machine and a rock mass". Khar'kov, 1959. 34 pp (Leningrad Order of Lenin and Order of Labor Red Banner Mining Inst im G. V. Plekhanov), 150 copies (KL, No 25, 1959, 132)

SOLOV'YEV, A.A., dotsent

Stability of cars in rounding a reverse curve. Izv. vys. ucheb. zav.; gor. zhur. no. 12:38-40 '59. (MIRA 14:5)

1. Khar'kovskiy gornyy institut. Rekomendovana kafedroy gornykh mashin i rudnichnogo transporta.
(Mine railroads)

SOLOV'YEV, A.A., dots.

Pull of a train moving along a curved track. Izv.vys.ucheb.zav.; gor. zhur. no.2:137-140 '60. (MIRA 14:5)

1. Khar'kovskiy gornyy institut.
(Mine railroads)

SOLOV'YEV, A.A., dotsent

Transmission of the traction force to the carrying belt on a chain-belt conveyer. Izv. vys. ucheb. zav. gor. zhur. no.8:133-138 '60. (MIRA 13:9)

1. Khar'kovskiy gornyy institut. Rekomendovana kafedroy gornykh mashin i rudnichnogo transporta.
(Conveying machinery—Transmission devices)

SOLOV'YEV, Aleksandr Aleksandrovich; BARUZDIN, M.A., otv.red.; SILINA, L.A., red.izd-va; SHKLYAR, S.Ya., tekhn.red.

[Collected problems on mine transportation] Sbornik zadach po rudnichnomu transportu. Izd.2, dop. i perer. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1961. 299 p. (MIRA 14:12)

(Mine haulage)

YEVNEVICH, Anton Vladislavovich; DAVYDOV, B.L., prof., retsenzent; SOLOV'YEV, A.A., prof., retsenzent; SHTOKMAN, I.G., prof., retsenzent; VASIL'YEV, N.V., dots., otv. red.; KOVAL', I.V., red.izd-va; BOLDYREVA, Z.A., tekhn. red.; MAKSIMOVA, V.V., tekhn. red.

[Machines formine haulage] Gornye transportnye mashiny. Izd.2. Moskva, Gosgortekhizdat, 1963. 467 p. (MIRA 16:9)

1. Khar'kovskiy gornyy institut (for Davydov, Solov'yev)
2. Donetskiy politekhnicheskiy institut (for Shtokman).
(Mine haulage)

SOLOV'YEV, A.A., prof.

Raising the operating efficiency of KLTs-3 belt and chain conveyors. Izv. vys. ucheb. zav.; gor. zhur. no.8:91-93 '64 (MIRA 18:1)

1. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki i vychislitel'noy tekhniki. Rekomendovana kafedroy gornykh mashin i rudnichnogo transporta.

[redacted], prof.; [illegible], G.L., inch.

Testing the raking and loading equipment for inclined workings. Izv. vys. ucheb. zav.; gor. zhur. 8 no.7:140-144 '65. (MIRA 18:9)

1. Khar'kovskiy institut gornogo mashinostroyeniya, avtomatiki i vychislitel'noy tekhniki. Rekomendovana kafedroy gornykh mashin i rudnichnogo transporta.

ACC NR: AP6022453 SOURCE CODE: UR/0422/66/000/001/0011/0015

AUTHORS: Sis'kov, V. I.; Sedov, V. I.; Solov'yev, A. A.; Orlova, V. Ya.

ORG: none

42
B

TITLE: Statistical methods of standardization of the quality of production

SOURCE: Standarty i kachestvo, no. 1, 1966, 11-15

TOPIC TAGS: tire, quality control, normal distribution, probability, tensile strength, elongation, hardness, wear resistance / 260-20 tire

ABSTRACT: The statistical principles of the standardization of the quality of production are examined by the example of the tire industry. The quality of the 260-20 tires of the Moscow, Yaroslav, Omsk, and Yerevan plants is considered. The quality indices are divided into two groups: those with a normal distribution (tensile strength and hardness) and those with a distribution of essentially positive values (wear, residual elongation, specific elongation, tensile strength in lamination between tread and breaker, breaker and carcass, sidewall and carcass, and between layers of carcass). It is found that the established requirements for the guaranteed and average mileage of the tires are insufficiently founded, as they do not reflect the statistical laws in mileage distribution. A final conclusion about quality norms should be made on the basis of correlation analysis. Orig. art. has: 6 formulas and 4 tables.

SUB CODE: 13, 14/ SUBM DATE: none/ ORIG REF: 002

Card 1/1 hs

GRIGOROVSKIY, I.P.; GUZINA, N.I.; SOLOV'YEV, I.L.

Economic efficiency in the automatic control of the injection of water into a layer. Trudy VNII no.39:108-113 '63.

(MIRA 17:10)

[illegible], V. P.

Sklov'yev, A. D. -- "Ionization Impacts of Cosmic Radiation and Corpuscular Irradiation in the Stratosphere." Sand Phys-Math Sci, Moscow State U, Moscow 1953. (Moskovskiy Zhurnal--Fizika, Jan 54)

SO: [illegible] 1[illegible], 22 July 1954

14-57-7-14656

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 7, pp 62-63 (USSR)

AUTHOR: Solov'yev, A. D.

TITLE: Methods of Artificial Ice Particle Formation in Supercooled Clouds (Metody iskusstvennogo obrazovaniya ledyanykh chastits v pereokhlazhdennykh oblakakh)

PERIODICAL: Tr. Tsentr. aerolog. obserb., 1956, Nr 17, pp 57-70

ABSTRACT: This article represents a review of former works on the subject. There exist two methods for forming ice particles in a supercooled cloud. The first is based on the generation of ice nuclei by means of local chilling with the help of refrigerating substances (such as dry ice); the second consists of introducing into a cloud some artificial or naturally occurring substances (such as silver iodide). The author discusses the features of each method, its advantages

Card 1/2

14-57-7-14656

Methods of Artificial Ice Particle Formation (Cont.)

and disadvantages, and also the most favorable conditions for applying each method. The article contains a bibliography of 49 titles.

A. B.

Card 2/2